

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): A pre-cast concrete block for constructing a staircase, comprising:

a horizontal stepping surface;

a rise surface perpendicular to the stepping surface; [[and]]

a rear surface which connects diagonally the stepping surface and the rise surface at respective edges thereof, the rear surface having a recess for reducing the weight of the block, the recess having a round part ~~round parts~~ with a specified radius at an inner corner part ~~inner corner parts~~ of the recess between an underside of said horizontal stepping surface and a rear side of said rise surface; and

a pair of side surfaces constituting outermost sides of said pre-cast concrete block, each of said pair of [[said]] side surfaces having a displacement prevention groove formed ~~engraved~~ on an exterior side thereof,

wherein said round part forms ~~the round parts form~~ a partially cylindrical recessed surface, [[and]]

wherein at least part of said pre-cast concrete block has a triangular shape in cross-section, ~~is a triangular pillar~~

wherein said displacement prevention grooves are formed in an L-shape with a horizontal part and a vertical part, and

wherein said displacement prevention grooves have a triangular shape in cross-section.

2. (Previously Presented): The pre-cast concrete block according to claim 1, further comprising a second recess for reducing the weight of the block, said second recess being formed in the rise surface.

3. (Cancelled).

4. (Withdrawn): A method of constructing a staircase using the staircase block according to claim 1 or 2, comprising the steps of:

a first step of laying a foundation mortar on the tamped face of the inclined land, and temporarily placing the staircase blocks on the foundation mortar;

a second step of producing a gap between the rear surface of the block and the upper surface of the foundation mortar by lifting the minimum angle side of the block by 3-4 cm with a camber;

a third step of leveling the corner of the rise surface of the staircase blocks by hammering it with a sand hammer while checking the horizon with a level placed on the front edge of the stepping surface of the block;

a fourth step of adjusting the slant angle of the stepping surface of the block by pushing and pulling the camber while checking the slant angle with a slant (a slant angle measuring device);

a fifth step of filling-up uniformly the gap produced in the second step with mortar;

sixth and seventh steps of filling-up the trace of the withdrawn camber with mortar, and inserting joint filler into the gap between adjacent blocks; and

a final step of finishing the joint and completing the construction work by cleaning residual sands and dusts.